Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Sunday 14 Feb 2021 until 23:59 on Monday 15 Feb 2021

Forecast Issued on Sunday 14 Feb 2021 at 03:40

Confidence: High for turning milder and remaining unsettled through the period, but lowering confidence in the timing and extend of the worst of the conditions for next week.

Headline for Sunday 14 Feb 2021: Unsettled with bands of snow then rain crossing the area. Dangerous conditions with extensive drifting and severe wind chill, then quite extensive hill fog.

Mountain weather hazards on Sunday 14 Feb 2021

Blizzards Low Likelihood	**Heavy Snow** Low Likelihood	**Storm force winds** No Likelihood
Gales High Likelihood	**Severe chill effect** High Likelihood	**Poor visibility** High Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** Low Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Light snow	Heavy snow	Sleet	Heavy Rain	Heavy Rain
Precipitation probability					
20%	60%	70%	70%	80%	60%

Forecast for Sunday 14 Feb 2021

Weather: A windy and cloudy and unsettled day of change. Morning light snow perhaps giving way to hazardous freezing rain for a time to potentially cause widespread icy surfaces. Heavier area of snow and rain crossing from the west from late morning, which turns to rain at all levels from around mid-afternoon, with outbreaks becoming patchy and light again later in the evening, with cloud thickening and lowering.

Chance of cloud free mountain/hill tops above 600m: Near nil throughout.

Visibility: Generally a handful of kilometres in snow and rain, less in heavier snow and cloud, with cloud cover extensive above 400m.

Check our weather forecast every day to get the most accurate and up to date information
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Mountain Weather Forecast

Forecast for Sunday 14 Feb 2021

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	26/35 S	30/42 S	30/42 S	32/45 S	32/46 S	25/37 S	18/28 S
300	16/36 SE	20/41 SE	20/42 SE	21/43 S	19/40 S	16/33 S	9/22 S
Valley	8/28 SE	17/42 SE	18/43 SE	19/45 S	17/40 S	14/32 S	10/24 S

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	-2/-10	-1/-10	-1/-9	1/-7	2/-6	3/-4	3/-2
300	0/-6	1/-5	2/-4	2/-3	3/-2	4/-1	4/1
Valley	2/-1	3/-2	4/-1	5/-0	6/1	6/2	6/3
Freezing Level*	100m	300m	500m	2100m	1900m	1500m	1400m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Dangerous conditions at first with blizzards and extensive drifting of lying snow and severe wind chill at height. Also later with the hill fog becoming extensive from late morning.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Sun 14 Feb 2021	0mm	0mm	0mm

Forecast for Monday 15 Feb 2021

Weather: Rather cloudy with patchy outbreaks of rain crossing sporadically from the west.

Maximum wind: South or southwest mean 15-20mph with gusts reaching 30-35mph across most exposed ridges and summits.

Chance of cloud free mountain/hill tops above 600m: 40%

Visibility: Moderate or good, lowering to a few kilometres in rain, less in cloud with bases quite extensive from 500-700m.

Temperature: **Valleys:** Minus 2 Celsius rising 10 Celsius during the afternoon
At 600m: Plus 3-5 Celsius
Freezing level: Above summits

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